

1. Examination for Category B Skipper's Licence **(Navigation up to 24 nautical miles)**

Candidates holding a Category C skipper's licence (Navigation up to 12 Nautical Miles) for more than one (1) year are eligible to apply for the above examination.

In this context, please find hereunder details of the examination:

- (i) Theoretical examination comprising of 50 Multiple Choice Questions.
- (ii) Chartwork (To test the candidates ability to use a navigational chart)

a) Venue, Time, Dates & Duration

(i) Theoretical examination

Date: Monday 30 July 2018 and Tuesday 31 July 2018 (subject to the number of applications)

Time: 14 00 hours to 15 30 hours

Venue: 3rd Floor, Victoria House, Cnr Barracks & St Louis Street, Port Louis
(Training room of the Tourism Authority)

(ii) Chartwork examination

- Batch A: Wednesday 01 August 2018 from 14 00 hours to 15 30 hours
- Batch B: Thursday 02 August 2018 from 14 00 hours to 15 30 hours
- Batch C: Friday 03 August 2018 from 14 00 hours to 15 30 hours

Venue: 3rd Floor, Victoria House, Cnr Barracks & St Louis Street, Port Louis
(Training room of the Tourism Authority)

b) Fees

The participants would be charged a total fee of Rs 3,000 comprising:

- Rs 1000-Application fee
- Rs 2000-Examination fee

c) *Applications, with the below documents, must be submitted online :*

<https://ta.govmu.org>

Citizen

- (i) Copy of applicant's National Identity Card
- (ii) Valid Certificate of Character for current year or receipt of the application for the certificate of character
- (iii) Copy of Skipper's Licence (Navigation up to 12 Nautical Miles)
- (iv) Two recent identical passport size photographs (signed at the back)
- (v) Medical Certificate duly filled in for applicants above 60 years old
- (vi) Copy of Educational and Professional Certificates (Minimum requirement: PASS at least up to Certificate Primary Education (CPE) Level).

Non-Citizen

- (i) Copy of passport
- (ii) Occupation Permit
- (iii) Resident Permit
- (iv) Copy of marriage certificate (if applicable)
- (v) Medical Fitness Certificate (if over 65 yrs)
- (vi) Copy of International Certificate of Competency (if holder of an international licence for exemption)
- (vii) Valid Certificate of Character for current year or receipt of the application for the certificate of character

2. Training in Chartwork for Category B Skipper's Licence **(Navigation up to 24 nautical miles)**

- a) **Date:** 16 July 2018 to 20 July 2018 (subject to the number of applications)
- b) **Time:** 15 00 hours to 18 00 hours
- c) **Venue:** 3rd Floor, Victoria House, Cnr Barracks & St Louis Street, Port Louis
(Training room of the Tourism Authority)
- d) **Fees:** an additional fee of Rs 2,500

In this connection, you are kindly invited to confirm your participation by 1600h on Tuesday 10 July 2018 by submitting your application according to part 1 (c) and effecting payment as mentioned above at parts 1 (b) and 2(d).

SYLLABUS – 24NM

SKIPPER CATEGORY B (UP TO 24 NAUTICAL MILES FROM THE SHORE)

SUBJECTS/TOPICS	TOTAL HOURS FOR EACH SUBJECT AREA
1. Candidates may be questioned on Code de la Mer Covered for Skipper 12 Nautical Miles	06
2. MAGNETIC AND GYRO COMPASS	12
• Box the compass, three figures graduation and cardinal points	
• Relationship between compass, magnetic, true and gyro courses and bearings	
• finding the variation from the chart	
• Variation, Deviation, Compass error	
• Steer a compass course	
• Determine and apply compass error using	
• Terrestrial observation by transit bearing	
3. CHARTS AND CHARTWORK	12
A. An understanding and working knowledge of the following	
• Symbols and Abbreviations	
• Type of chart, scale	
• Latitude and Longitude	
• Measuring distance on a chart	
• Laying off a safe course on a chart	
• Distance, Speed, Time and course to steer	
• Dead reckoning, estimated position and course steer	
• Position, Position Lines and Position fixes	
• Assessing set and drift	
• Correcting for set and drift	
• Pilotage	

4. TIDES AND CURRENT	06
• Causes, springs and neaps tide, Tide tables	
5. LIGHTS AND OTHER AIDS TO NAVIGATION	06
• Lights, Characteristics, Ranges, Rising and Dipping Distances	
6. METEOROLOGY	18
• A knowledge of basic meteorological terms	
• Practical knowledge of the sources of weather forecasts and the interpretation of that information in simple terms	
• Aneroid barometer and to interpret the information obtained	
• Synoptic charts, Beaufort scale, basic weather formation	
• Land and Sea Breezes	
• Weather patterns associated with Pressure and Frontal Systems	
• The basic principles of the general circulation of the atmosphere	
• Determine the characteristics of various weather systems	
• The application of meteorological information may include:	
• Radio weather reports	
• Weather fax	
• The passage of fronts	
• Tropical revolving storms	
7. INTERNATIONAL REGULATIONS FOR PREVENTIONS COLLISIONS AT SEA	12
• Overall knowledge	
• Apply steering and sailing rules	
• Apply lights and shapes regulations	
• Danger of collision	
• Keeping clear	
8. SAFETY AT SEA	18
• Personal safety	
• Skippers pre departure organisation and checklists	
• Craft equipment, flares, fire extinguisher and detectors	
• Distress signal, life rafts/survival craft, life jackets, radar reflector	

- Heavy weather sailing and preparation
- Sea anchors
- MOB procedures
- Helicopter rescue
- Distress and lifesaving signals

9. **SEA SURVIVAL COURSE** 18

- Personal survival and lifesaving
- Preparation for sea survival
- Equipment, handling and launching procedures
- Principles of survival

10. **MODERN ELECTRONICS** 09

- Use electronics navigational aids for position fixing and navigation (GPS)
- Operate electronic navigational aids
- Determine vessel's position with electronic aids
- Echo sounders

11. **COMMUNICATION** 06

- EPIRD, GMDSS, VHF
- Mayday Call
- Relay Distress message

12. **ENGINES** 30

A. To give awareness of the main systems of a marine diesel and outboard engines and the ability to take simple measures to prevent mechanical breakdown at sea and rectify defects which do not require workshop support.

- Principles of diesel engine
- The fuel system
- The cooling systems
- The air systems
- Importance of servicing
- Basic electrical system
- Case of batteries

13. **EMERGENCY PROCEDURES**

12

- A general knowledge of safe practices in the following:
- Use and care of lifesaving appliances
- Use and care of firefighting appliances
- Prevention of fire and fire fighting
- Action to be taken in the event of a fire, collision, damage to the vessel, man overboard
- Abandoning the craft
- Rescuing persons in distress
- Survival procedures in lifeboats and life rafts
- Measures for the protection and safety of all persons on board in emergencies
- Assisting a vessel or aircraft in distress
- The use of EPIRD'S in search and rescue
- Action to be taken when gear becomes fast on an obstruction

14. **SMALL VESSEL CONSTRUCTION**

06

- Know the principal parts of a small vessel and their various functions
- Practical appreciation of how the watertight integrity of a small vessel is maintained
- Practical knowledge of maintenance of small vessel

15. **STABILITY**

03

- A general understanding without calculations of stability of A small vessel, and the use of basic stability information provided On a vessel to ensure safety in relation to:
- Adding and removing weights
- Water on deck
- Slack tanks
- Rolling period
- Stiff and tender vessel

- Additions or alterations to vessels
16. **WATCHKEEPING** 06
- Thorough knowledge of the recommended basic principles to be observed in keeping a navigational watch on board vessels less than 24 metres in length.
 - Knowledge of duties at sea, at anchor and in port
 - Through working knowledge of the use of wheelhouse
 - Equipment normally found in small vessels.
17. **MARINE LEGISLATION** 03
- Responsibilities with respect to the prevention of pollution of the marine environment,
 - understanding of the importance of maintaining a logbook or vessel record book
18. **PRACTICAL SEAMANSHIP** 06
- Demonstrate a practical ability in the following:
 - Knots, hitches and bends in common use
 - Eye splice of fibre and synthetic ropes
 - Care in use of rope, wire and chains
 - Safe handling of moorings
 - Securing hatches, doors, skylights, air pipes etc...
 - Lashing and security of moveable equipment, especially on deck
19. **FIRST AID** 12
- First aid at sea certificate
 - Use of first aid kit